

Amendments to the CLAIMS

Listing of Claims:

This complete listing of claims replaces all previous listings of claims in the application.

1. (Original) A method of hydrogenating an unsaturated feedstock, comprising:

producing a catalyst composition by heating a nickel-based catalyst to a first temperature of at least about 85° C in the presence of a process gas and a protective non-gas medium; and, thereafter,

contacting the unsaturated feedstock with the catalyst composition and hydrogenating the unsaturated feedstock by sustaining a hydrogenation reaction at a second temperature of no greater than about 70° C, the feedstock comprising at least one unsaturated organic component.

2-59. (Canceled)

60. (Currently amended) A substantially platinum-free hydrogenation catalyst composition comprising:

a protective non-gas medium; and

a nickel-based catalyst dispersed in the protective non-gas medium, wherein the nickel-based catalyst being prepared at a first temperature of at least about 85°C and being adapted to sustain, at a second temperature of about 70° C or less and in the presence of hydrogen, a hydrogenation reaction of a dielectric oil comprising polyunsaturated fatty acids.

61-109. (Canceled)

110. (Original) A partially hydrogenated sunflower oil formed from a sunflower oil having a C18:1 content of less than 77 weight percent prior to hydrogenation, wherein the partially hydrogenated sunflower oil:

is no more solid than semi-liquid at about 25°C;
has a ratio of *cis*- to *trans*- forms of C18:1, C18:2 and C18:3 fatty acids (CFA : TFA) of at least about 15;
has a ratio of C18 to *trans*- forms of C18:1, C18:2 and C18:3 fatty acids (C18 : TFA) of at least about 1.2; and
an induction period at 120° C of at least about 5 hours.

111. (Original) A partially hydrogenated sunflower oil that:

is no more solid than semi-liquid at about 25°C;
has a ratio of *cis*- to *trans*- forms of C18:1, C18:2 and C18:3 fatty acids (CFA : TFA) of at least about 25;
has a ratio of C18 to *trans*- forms of C18:1, C18:2 and C18:3 fatty acids (C18 : TFA) of at least about 1.5; and
an induction period at 120° C of at least about 10 hours.

112. (Original) A partially hydrogenated palmolein fat that:

is no more solid than semi-liquid at about 25°C;
has a C18:2 content of no greater than about 7 weight percent;
has a *trans*-fatty acid content of no more than about 6 weight percent; and
has a ratio of *cis*- to *trans*- forms of C18:1, C18:2 and C18:3 fatty acids (CFA : TFA) of at least about 6.

113. (Original) A partially hydrogenated corn oil that:

is no more solid than semi-liquid at about 25°C;
has a C18:2 content of no greater than about 50 weight percent;
has a *trans*-fatty acid content of no more than about 6 weight percent; and

has a ratio of *cis*- to *trans*- forms of C18:1, C18:2 and C18:3 fatty acids (CFA : TFA) of at least about 15.

114. (Currently amended) A food product comprising an emulsion of water and the partially hydrogenated sunflower ~~edible~~ oil of claim 110.

115. (Currently amended) The food product of claim 114 ~~110~~ further comprising lecithin.

116. (Currently amended) A margarine composition comprising water and the partially hydrogenated sunflower ~~edible~~ oil of claim 110.

117. (Currently amended) An ice cream composition comprising water and the partially hydrogenated sunflower ~~edible~~ oil of claim 110.

118. (Currently amended) A food product comprising sugar and the partially hydrogenated sunflower ~~edible~~ oil of claim 110.

119. (Previously presented) The partially hydrogenated sunflower oil of claim 110 wherein the CFA : TFA ratio is at least about 18.

120. (Previously presented) The partially hydrogenated sunflower oil of claim 110 wherein the CFA : TFA ratio is no greater than about 75.

121. (Previously presented) The partially hydrogenated sunflower oil of claim 110 wherein the CFA : TFA ratio is no greater than about 50.

122. (Previously presented) The partially hydrogenated sunflower oil of claim 110 wherein the C18 : TFA ratio is at least about 1.5.

123. (Previously presented) The partially hydrogenated sunflower oil of claim 110 wherein the C18 : TFA ratio is at least about 2.

124. (Previously presented) The partially hydrogenated sunflower oil of claim 110, wherein the sunflower oil is formed from a sunflower oil having a C18:1

content of less than about 60 weight percent prior to hydrogenation, and wherein the partially hydrogenated sunflower oil has an induction period at 120° C of at least about 8 hours.

125. (Previously presented) The partially hydrogenated sunflower oil of claim 111 wherein the CFA : TFA ratio is at least about 40.

126. (Previously presented) The partially hydrogenated sunflower oil of claim 111 wherein the C18 : TFA ratio is at least about 2.0.

127. (Previously presented) The partially hydrogenated sunflower oil of claim 111 wherein the C18 : TFA ratio is at least about 3.0.

128. (Previously presented) The partially hydrogenated sunflower oil of claim 111 wherein the C18 : TFA ratio is no greater than about 6.0.